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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Satoshi Seo et al.                      Art Unit : 2879  
Serial No. : 10/024,699                              Examiner : Matthew Hodges  
Filed : December 21, 2001                          Confirmation No.: 6811  
Title : LIGHT EMITTING DEVICE HAVING ORGANIC LIGHT EMITTING MATERIAL

**MAIL STOP ISSUE FEE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RE-SUBMISSION OF INFORMATION DISCLOSURE STATEMENTS**  
**PREVIOUSLY FILED**

Applicants request consideration of the references listed on the attached PTO-1449 forms. Under 37 C.F.R. § 1.98 (a)(2)(ii), only copies of foreign patent documents and/or non-patent literature are enclosed. Copies of any listed U.S. patents or U.S. patent application publications can be provided upon request.

This statement is a resubmission of copies of information disclosure statements previously filed on June 19, 2002, December 20, 2002 and February 14, 2003, respectively, along with copies of the return receipt post cards stamped by the U.S. Patent and Trademark Office as suggested by Examiner Hodges and Nimesh Patel of customer services at TC 2800. It is respectfully requested that these references be considered and the initialed PTO-1449 forms be returned to the undersigned.

No fee is believed due in connection with the resubmission of these papers. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: \_\_\_\_\_



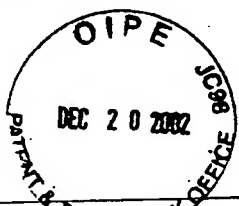
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/adt  
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Attorney's Docket No. 12732-088001	Express Mail Label No.	Mailing Date December 20, 2002	<b>For PTO Use Only</b> <i>Do Not Mark in This Area</i>
Application No. 10/024,699	Filing Date December 21, 2001	Attorney/Secretary Init JFH/aks	
Title of the Invention <b>LIGHT EMITTING DEVICE AND METHOD OF MANUFACTURING THE SAME</b>			
Applicant Satoshi Seo et al.			
Enclosures Information Disclosure Statement (1 page) Form PTO-1449 (in duplicate, 2 pages) Documents listed on the Form PTO-1449 (3 documents) Austrian Search Report (6 pages)			



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Serial No. : 10/024,699                      Examiner : Unknown  
Filed : December 21, 2001  
Title : LIGHT EMITTING DEVICE AND METHOD OF MANUFACTURING THE  
SAME

Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Applicants submit copies of the references listed on the attached form PTO-1449. A copy of a communication from the Austrian Patent Office in a counterpart application is also enclosed.

This statement is being filed before the receipt of a first Office action on the merits.  
Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: December 20, 2002

  
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Substitute Form PTO-1449 (Revised)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12732-088001	Application No. 10/024,699
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Satoshi Seo et al.	
		Filing Date December 21, 2001	Group Art Unit 2879

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	5,256,945	10/26/1993	Imai et al.			12/13/1991
	AB	5,719,467	02/17/1998	Antoniadis et al.			07/27/1995
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL	EP 1 011 155 A2	06/21/2000	Europe				
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Attorney's Docket No. 12732-088001	Express Mail Label No.	Mailing Date February 14, 2003	<b>For PTO Use Only</b> <i>Do Not Mark in This Area</i>
Application No. 10/024,699	Filing Date December 21, 2001	Attorney/Secretary Init JFH/adf	
Title of the Invention LIGHT EMITTING DEVICE AND METHOD OF MANUFACTURING THE SAME			
Applicant Satoshi Seo et al.			
Enclosures <ul style="list-style-type: none"> <li>• Information Disclosure Statement (1 page)</li> <li>• Form PTO-1449 (1 page)</li> <li>• Documents listed on the Form PTO-1449 (1)</li> </ul> 			

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Satoshi Seo et al.                      Art Unit : 2879  
Serial No. : 10/024,699                      Examiner : Unknown  
Filed : December 21, 2001  
Title : LIGHT EMITTING DEVICE AND METHOD OF MANUFACTURING THE  
SAME

Commissioner for Patents  
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT**

Copies of the references listed on the attached form PTO-1449 are enclosed.

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Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: February 14, 2003

  
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JFH/adt  
40142061.doc

Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 12732-088001	Application No. 10/024,699
	Applicant Satoshi Seo et al.			
	Filing Date December 21, 2001		Group Art Unit 2879	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL	TW 243470	30 JUN 1994	TAIWAN			Abstract	
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
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**INFORMATION DISCLOSURE STATEMENT**

Applicants submit the references listed on the attached form PTO-1449, copies of which are enclosed.

This statement is being filed before the receipt of a first Office action on the merits.  
Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: June 19, 2002

  
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12732-088001	Application No. 10/024,699
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Satoshi Seo et al.	
		Filing Date December 21, 2001	Group Art Unit 2879

### U.S. Patent Documents

Examiner Initial	Desig. ID	Patent/Application Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	10/026,064	Pending	Seo et al.			01/10/2002
	AB	10/081,971	Pending	Yamazaki et al.			02/20/2002
	AC	10/072,310	Pending	Yamazaki et al.			02/05/2002
	AD	10/060,427	Pending	Kanagawa et al.			01/29/2002
	AE	10/062,005	Pending	Yamazaki et al.			01/31/2002
	AF	10/043,812	Pending	Kanagawa et al.			01/10/2002
	AG	10/081,558	Pending	Seo et al.			02/20/2002
	AH	10/072,507	Pending	Seo et al.			02/05/2002
	AI	10/026,064	Pending	Seo et al.			12/21/2001
	AJ	09/852,090	Pending	Yamagata et al.			05/10/2001
	AK	5,925,980	07/20/1999	So et al.			05/01/1997
	AL	5,853,905	12/29/1998	So et al.			09/08/1997
	AM	6,130,001	10/10/2000	Shi et al.			07/15/1997
	AN	5,271,089	12/14/1993	Ozawa			11/04/1991
	AO	6,285,039	09/04/2001	Kobori et al.			06/03/1998

### Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AP	EP 1 065 737 A2	01/03/2001	Europe				
	AQ	10-233288	09/02/1998	Japan			XX	
	AR	2001-52870	02/23/2001	Japan			XX	
	AS							
	AT							

### Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AU	C.W. Tang et al.; "Organic Electroluminescent Diodes"; <i>Applied Physics Letters</i> , Vol. 51, No. 12; pp. 913-915; September 21, 1987

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	


Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12732-088001	Application No. 10/024,699
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		Filing Date December 21, 2001	Group Art Unit 2879

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AV	Yasunori Kijima et al.; "A Blue Organic Light Emitting Diode"; <i>Japan Journal of Applied Physics</i> , Vol. 38; pp. 5274-5277; September 1999
	AW	C.W. Tang et al.; "Electroluminescence of Doped Organic Thin Films"; <i>Journal of Applied Physics</i> , Vol. 65, No. 9; pp. 3610-3616; May 1, 1989
	AX	Chihaya Adachi et al.; "Electroluminescence in Organic Films with Three-Layer Structure"; <i>Japanese Journal of Applied Physics</i> , Vol. 27, No. 2; pp. L269-L271; February 1988
	AY	Tetsuo Tsutsui et al.; "New Aspect of Research and Development of Organic EL"; <i>M&amp;BE Seminar (M&amp;BE)</i> , Vol. 11, No. 1; pp. 1-18; 2000
	AZ	Takeo Wakimoto et al.; "Organic EL Cells Using Alkaline Metal Compounds as Electron Injection Materials"; <i>IEEE Transactions on Electron Devices</i> , Vol. 44, No. 8, pp. 1245-1248; August 1998
	AAA	S.A. Van Slyke et al.; "Organic Electroluminescent Devices with Improved Stability"; <i>Applied Physics Letter</i> , Vol. 69, No. 15; pp. 2160-2162; October 7, 1996
	ABB	D.F. O'Brien et al.; "Improved Energy Transfer in Electrophosphorescent Devices"; <i>Applied Physics Letter</i> , Vol. 74, No. 3; pp. 442-444; January 18, 1999
	ACC	Tetsuo Tsutsui et al.; "High Quantum Efficiency in Organic Light-Emitting Devices with Iridium-Complex as a Triplet Emissive Center"; <i>Japan Journal of Applied Physics</i> , Vol. 38, Part 2, No. 12B; pp. L1502-L1504; December 15, 1999
	ADD	Tetsuo Tsutsui; "The Operation Mechanism and the Light Emission Efficiency of the Organic EL Element"; <i>Test of the Third Lecture Meeting; Bulletin of Organic Molecular/Bioelectronics Subcommittee, Society of Applied Physics</i> ; pp. 31-37 w/translation; 1993
	AEE	Junji Kido et al.; "Multilayer White Light-Emitting Organic Electroluminescent Device"; <i>Science</i> , Vol. 267; pp. 1332-1334; March 3, 1995

Examiner Signature	Date Considered
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Applicant Satoshi Seo et al.			
Enclosures ➤ Information Disclosure Statement (1 page) ➤ Form PTO-1449 (in duplicate, 4 pages) ➤ Documents listed on the Form PTO-1449 (29 documents)			



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